CLASSIFICATION CONFIDENTIAL
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

DATE DISTR. 8 Sept 53

NO. OF PAGES 1

50X1

NO. OF ENCLS. (LISTED BELOW) 50X1

50X1

SUPPLEMENT TO REPORT NO. 50X1

COUNTRY Hungary

SUBJECT Hungarian Chemical Research in Progress in 1949

PLACE ACQUIRED

DATE ACQUIRED

DATE OF INFORMATION

THIS IS UNEVALUATED INFORMATION 50X1

Chemical Research in Progress in 1949 50X1

1. Petrochemical research was undertaken in 1948 and 1949 in Budapest at the Royal Hungarian 50X1
University of Technical Science [hereafter referred to as RHUTS]. The nature of this
research was to utilize natural gas as a chemical gas for reduction of raw material 50X1
Professor Joseph Vargha, Dean of the Chemical Engineering Department, was in charge of 50X1
the project. He began the research in 1948 with ten research assistants. used butane, methane and ethane as
starting points. attempted to make different chemicals from the 50X1
gases, primary interest was to make benzene and ethylene. The underlying 50X1
philosophy of the entire project was directed toward developing a self-sufficient
chemical industry in Hungary.
. [See "The Chemical Week", May 50X1-995
issue for information on Petrochemistry at the Hungarian Plant Tiszalok.] 50X1

2. An Aluminum Institute Research Center was established in 1948 at RHUTS. It was headed by
Professor Bela Laneji of the Engineering Department. Professor Laneji taught electro- 50X1
chemistry. The purpose of this Center was to more fully develop and utilize the bauxite
deposits of Hungary which are among the largest in the world. Work had begun on a
bauxite processing plant near Komarom. that would
substantially increase the output. in
March 1949, production was under way and the plant was using the Bayer Process.

3. Dyestuff development was intensified in 1948. Part of the research was done at RHUTS,
but by and large it was handled by individual firms government
controlled). this was done because the textile industry had not suffered
serious physical setback during the war, plus the fact that Hungary had always produced 50X1
a great amount of textiles and dyes.
50X1

- end - 50X1

50X1

CLASSIFICATION CONFIDENTIAL/SECURITY INFORMATION

							DISTRIBUTION							
Army	X	C/OSI	X											
BRICD	X													